

Converting Colors

$Yxy(24.9852, 0.2268, 0.2986)$

Have a look what the booklet for
Yxy(24.9852, 0.2268, 0.2986)
contains.

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Color

Yxy(24.9519, 0.2266, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	3395A6
RGB	51, 149, 166
RGB Percent	20%, 58%, 65%
CMY	0.7996, 0.4157, 0.3490
CMYK	0.69, 0.10, 0.00, 0.35
HSL	189°, 53%, 43%
HSV	189°, 69%, 65%
XYZ	18.9990, 24.9519, 39.8929
YIQ	121.6360, -63.8650, -15.4890

Conversions

Conversions Part 2

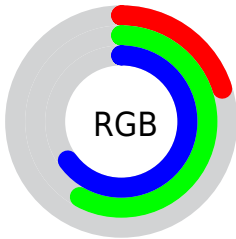
Format	Color
RYB	51, 104, 166
Decimal	3380646
CIELab	57.03, -22.43, -17.20
CIELCh	57, 28.266, 217.483
Yxy	24.9519, 0.2266, 0.2976
Android (android.graphics.Color)	4281570726 (0xFF3395A6)
YUV	121.6360, 21.8715, -61.9478
Hunter-Lab	49.9519, -19.5240, -12.3842

Details

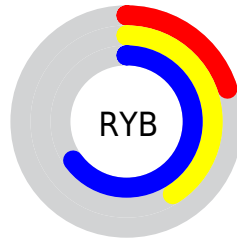
The Yxy color **24.9519, 0.2266, 0.2976** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.4935, 0.5186, 0.3522**, and the grayscale version is **19.2887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3771, 0.2437, 0.3047**, and **9.9503, 0.2128, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **23.8258, 0.2199, 0.2924**, and if you desaturate by 10%, it is **26.2502, 0.2351, 0.3027**.

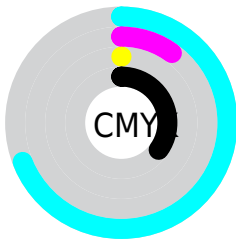
Distribution



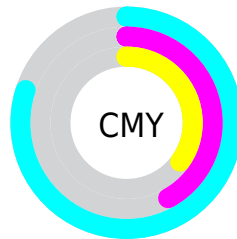
- Red (20%)
- Green (58%)
- Blue (65%)



- Red (20%)
- Yellow (41%)
- Blue (65%)



- Cyan (69%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (80%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9519, 0.2266, 0.2976 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 24.9519, 0.2266, 0.2976 by changing the saturation by 10% instead.

■ 24.9519, 0.2266,
0.2976

■ 24.9519, 0.2266,
0.2976

■ 277.5983, 0.2726,
0.3161

■ 16.0412, 0.2142,
0.2919

■ 51.5792, 0.2440,
0.3051

■ 9.5533, 0.1979,
0.2838

■ 70.0646, 0.2503,
0.3077

■ 5.1038, 0.1754,
0.2717

■ 92.5103, 0.2556,
0.3097

■ 2.3083, 0.1431,
0.2518

■ 119.3008, 0.2600,
0.3115

■ 0.7781, 0.0552,
0.2237

■ 150.8205, 0.2639,
0.3129

■ 0.0000, 0.0000,
0.0000

187.4537, 0.2672,

0.3141

229.5848, 0.2700,
0.3152

■ 24.9519, 0.2266,
0.2976

■ 24.9519, 0.2266,
0.2976

■ 23.8258, 0.2199,
0.2924

■ 26.2502, 0.2351,
0.3027

■ 22.8519, 0.2151,
0.2872

■ 27.7329, 0.2453,
0.3078

■ 21.9958, 0.2118,
0.2821

■ 29.4139, 0.2571,
0.3126

■ 21.9310, 0.2116,
0.2817

■ 31.3051, 0.2701,
0.3173

■ 33.4173, 0.2841,
0.3216

■ 35.7605, 0.2988,
0.3256

■ 38.3442, 0.3139,
0.3293

■ 41.1773, 0.3291,
0.3326

■ 44.2680, 0.3443,
0.3356

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



24.9519, 0.2473, 0.3442



24.9519, 0.2266, 0.2976



24.9519, 0.2269, 0.2651

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.9519, 0.2266, 0.2976



24.9519, 0.3352, 0.2777



24.9519, 0.3777, 0.4117

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.9519, 0.2266, 0.2976



12.4935, 0.5186, 0.3522

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.9519, 0.4055, 0.3855



24.9519, 0.2266, 0.2976



24.9519, 0.3808, 0.3102

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.9519, 0.2266, 0.2976



24.9519, 0.2862, 0.2567



24.9519, 0.4072, 0.3485



24.9519, 0.3336, 0.4154

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.9519, 0.2266, 0.2976



24.9519, 0.2386, 0.2540



24.9519, 0.4072, 0.3485



24.9519, 0.3894, 0.4049

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.9528, 0.2266, 0.2976



59.7802, 0.2810, 0.3207



28.3784, 0.2951, 0.5233



13.1470, 0.2773, 0.3195



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9528, 0.2266, 0.2976



42.2668, 0.2172, 0.2897



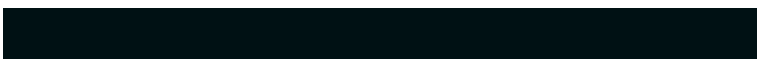
11.3278, 0.1993, 0.1853



8.3400, 0.2987, 0.3256



17.0588, 0.2117, 0.2822



0.4647, 0.2164, 0.2991

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.6528, 0.3453, 0.1956



19.7501, 0.3538, 0.1815



22.7298, 0.4476, 0.4326



7.6472, 0.3159, 0.3100



7.7931, 0.3614, 0.1765



0.1946, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 24.9519, 0.2266, 0.2976 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 24.9519, 0.2266, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

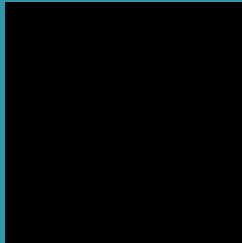
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9519, 0.2266, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 24.9519, 0.2266, 0.2976.



This preview shows how white text looks on a background with the Yxy color 24.9519, 0.2266, 0.2976.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.9519, 0.2266, 0.2976

Protanopia

24.6678, 0.2878, 0.2926

Deuteranopia

24.5452, 0.2768, 0.2710



Tritanopia

25.0743, 0.2285, 0.3065

Trichromacy



Original Color

24.9519, 0.2266, 0.2976

Protanomaly

24.1778, 0.2590, 0.2938

Deuteranomaly

24.1760, 0.2527, 0.2791

Tritanomaly

25.1351, 0.2283, 0.3048

Monochromacy



Original Color

24.9519, 0.2266, 0.2976

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.8243, 0.2692, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9519, 0.2266, 0.2976 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(51, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(51, 149, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(51, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 149, 166) }
```

Border

The CSS property to change the border of an element to Yxy 24.9519, 0.2266, 0.2976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 149, 166) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(51, 149, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(51, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 149, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 149, 166); box-shadow:4px 4px 4px 4px rgb(51, 149, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9519, 0.2266, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 149, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(51, 149,  
166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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